PCT/IB2005/000479

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER A61J3/07		
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According to	International Patent Classification (IPC) or to both national classification	tion and IPC	
	SEARCHED		
Minimum do IPC 7	cumentation searched (classification system followed by classification $A61J$	n symbols)	
	•••		
Documental	ion searched other than minimum documentation to the extent that su	uch documents are included in the fields sea	urched
Electronic d	ata base consulted during the International search (name of data bas	e and, where practical, search terms used)	
EPO-In	ternal		
	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.
Х	GB 2 025 270 A (CAPSUGEL AG)		1-5,9,
	23 January 1980 (1980-01-23)	. Figures	17,19
Υ	page 2, line 117 - page 3, line 7 1-3	; Tigures	6-8,10, 12-16,
•			20-25
Α			11
Х	WO 95/34269 A (WARNER-LAMBERT COM	PANY)	17,18
Υ	21 December 1995 (1995-12-21) page 11, line 10 - page 12		10
A	page 13, lines 14-28; figures 1-6		1,6,11
Х	US 4 466 844 A (MACLAUGHLIN ET AL	.)	17,18
	21 August 1984 (1984-08-21)		•
	column 2 - column 3, line 4; figu	1 62 1-4	
	_	/	
X Funt	her documents are listed in the continuation of box C.	χ Patent family members are listed in	annex.
° Special ca	itegorles of cited documents:	"T" later document published after the inter or priority date and not in conflict with t	national filing date
'A' docume consid	ent defining the general state of the art which is not liered to be of particular relevance	cited to understand the principle or the invention	ory underlying the
E' earlier of filing of	document but published on or after the International late	"X" clocument of particular relevance; the cl cannot be considered novel or cannot	be considered to
which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified)	involve an inventive step when the doc  'Y' clocument of particular relevance; the clocument be considered to involve an invention.	almed invention
"O" docum	ent referring to an oral disclosure, use, exhibition or means	cannot be considered to involve an inv document is combined with one or more ments, such combination being obviou	re other such docu-
"P" docume later ti	ent published prior to the international filing date but nan the priority date claimed	in the art.  *&* clocument member of the same patent f	amily
Date of the	actual completion of the international search	Date of mailing of the international sear	ch report
1	1 May 2005	19/05/2005	
Name and r	nalling address of the ISA	Authorized officer	
-	European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,	n	M
	Fax: (+31–70) 340–2040, 1X. 31 031 epo III,	Birlanga Pérez, J-	- 4

tional Application No PCT/IB2005/000479

.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 110 603 A (WARNER-LAMBERT COMPANY) 13 June 1984 (1984-06-13)	6-8, 14-16, 20-24
4	page 2, lines 22-36 page 3, lines 19-24 page 5, lines 13,14; figures 1,2	11
Y	US 4 656 066 A (WITTWER ET AL) 7 April 1987 (1987-04-07) column 9, line 56 - column 10, line 25; figures 4,5	12,13,25
		·
	·	
	-	

nformation on patent family members

Internal Application No PCT/IB2005/000479

GB 2025270 A 23-01-1980 DE 2830849 A1 24-01-1980 AU 537669 B2 05-07-1984 AU 4891279 A 17-01-1980 BE 877663 A1 05-11-1979 BR 7904434 A 15-04-1980 DD 145058 A5 19-11-1980 ES 482829 A1 16-04-1980 ES 482829 A1 16-04-1980 FI 792191 A 14-01-1980 FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1980 MX 151613 A 14-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1982 YU 169179 A1 31-10-1982 YU 169179 A1 31-10-1982 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 DE 69528172 T2 05-06-2003 JP 10501718 T 17-02-1998 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
AU 4891279 A 17-01-1980 BE 877663 A1 05-11-1979 BR 7904434 A 15-04-1980 DD 145058 A5 19-11-1980 DK 292979 A 14-01-1980 ES 482829 A1 16-04-1980 FI 792191 A 14-01-1980 FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1985 NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 DE 69528172 D1 17-10-2002 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1988 PT 765150 T 31-01-2003	
BE 877663 A1 05-11-1979 BR 7904434 A 15-04-1980 DD 145058 A5 19-11-1980 DK 292979 A 14-01-1980 ES 482829 A1 16-04-1980 FI 792191 A 14-01-1980 FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1982 IT 1125420 B 14-05-1986 MX 151613 A 14-01-1985 MX 705444 A 15-01-1980 MX 151613 A 14-01-1980 PL 217002 A1 24-03-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1984 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A , C 23-07-1997 DE 69528172 D1 77-10-2002 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
BR 7904434 A 15-04-1980 DD 145058 A5 19-11-1980 DK 292979 A 14-01-1980 ES 482829 A1 16-04-1980 FI 792191 A 14-01-1980 FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1985 NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1985 YU 169179 A1 31-10-1982 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
DD 145058 A5 19-11-1980 DK 292979 A 14-01-1980 ES 482829 A1 16-04-1980 FI 792191 A 14-01-1980 FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1985 NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1985 YU 169179 A1 31-10-1984 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
DK 292979 A 14-01-1980 ES 482829 A1 16-04-1980 FI 792191 A 14-01-1980 FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1980 NO 792323 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1984 ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
ES 482829 A1 16-04-1980 FI 792191 A 14-01-1980 FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1985 NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998	
FI 792191 A 14-01-1980 FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1985 NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
FR 2430887 A1 08-02-1980 IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1985 NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
IN 149564 A1 23-01-1982 IT 1125420 B 14-05-1986 JP 55014093 A 31-01-1980 MX 151613 A 14-01-1985 NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
IT	•
MX 151613 A 14-01-1985	
MX 151613 A 14-01-1985 NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
NL 7905444 A 15-01-1980 NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
NO 792323 A 15-01-1980 PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
PL 217002 A1 24-03-1980 PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
PT 69911 A 01-08-1979 RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
RO 85087 A1 31-10-1984 SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
SE 7906078 A 14-01-1980 YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980 WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
YU 169179 A1 31-10-1982 ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
ZA 7903510 A 27-08-1980  WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
WO 9534269 A 21-12-1995 AT 223692 T 15-09-2002 CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
CN 1155238 A ,C 23-07-1997 DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	,
DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
DE 69528172 D1 17-10-2002 DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
DE 69528172 T2 05-06-2003 DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	_
DK 765150 T3 16-12-2002 EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
EP 0765150 A1 02-04-1997 ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
ES 2182905 T3 16-03-2003 JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
JP 10501718 T 17-02-1998 PT 765150 T 31-01-2003	
PT 765150 T 31-01-2003	
	J
WU 30042U3 KI 21-12-1990	<b>)</b>
US 5617710 A 08-04-1997	
US 4466844 A 21-08-1984 AU 3188884 A 07-03-1985	•
BE 900398 A1 21-02-1985	)
DE 3430764 A1 14-03-1985	J
FR 2550941 A1 01-03-1985	<b>,</b>
GB 2149377 A 12-06-1985	,
IT 1175616 B 15-07-1987	,
EP 0110603 A 13-06-1984 EP 0110603 A2 13-06-1984	r
JP 59105455 A 18-06-1984	,
US 4656066 A 07-04-1987 AT 38326 T 15-11-1988	
AU 566690 B2 29-10-1987	
AU 2722984 A 29-08-1985	•
BG 44702 A3 16-01-1989	
BR 8402129 A 10-12-1985	
CA 1215511 A1 23-12-1986	1
DE 3474910 D1 08-12-1988	<u> </u>
EP 0152517 A1 28-08-1985	•
ES 8503246 A1 01-06-1985	
IN 161491 A1 12-12-1987	•
JP 60176656 A 10-09-1985	
KR 9107956 B1 04-10-1991	
MX 161142 A 07-08-1990	
Form PCT/ISA/210 (patent family annex) (January 2004)	

nformation on patent family members

PCT/IB2005/000479

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4656066	A		PH	22724 A	28-11-1988
			YU	77684 A1	31-12-1987
			AU	1977283 A	28-06-1984
			BR	8306209 A	31-07-1984
			EP	0116744 A1	29-08-1984
			ES	8506997 A1	01-12-1985
			JP	59115047 A	03-07-1984

Form PCT/ISA/210 (patent family annex) (January 2004)